

S/N 09/689,136



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#1636

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	John F. Engelhardt et al.	Examiner:	Daniel M Sullivan
Serial No.:	09/689,136	Group Art Unit:	1636
Filed:	October 12, 2000	Docket:	875.032US1
Title:	COMPOUNDS AND METHODS TO ENHANCE rAAV TRANSDUCTION		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(c)(2), Applicants have included the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 19-0743.

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Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

JOHN F. ENGELHARDT ET AL.

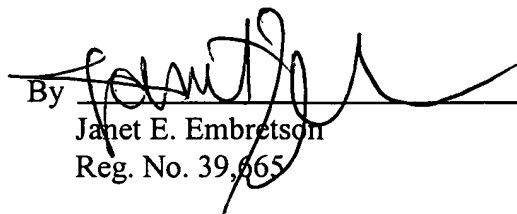
By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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Date

July 29, 2005

By

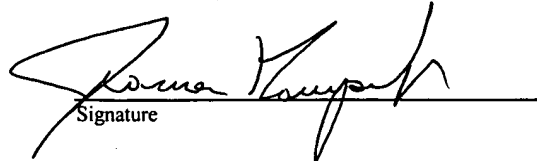

Janet E. Embretson
Reg. No. 39,665

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Name

JAMES KANYUSIK

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: John F. Engelhardt et al.

Title: COMPOUNDS AND METHODS TO ENHANCE rAAV TRANSDUCTION

Docket No.: 875.032US1

Filed: October 12, 2000

Examiner: Daniel M Sullivan

Serial No.: 09/689,136

Due Date: N/A

Group Art Unit: 1636

MS Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

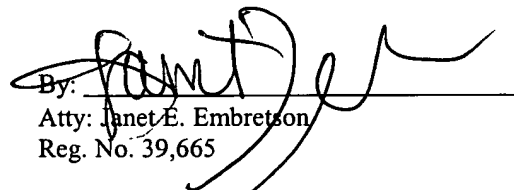
We are transmitting herewith the following attached items (as indicated with an "X"):

- ☒ A return postcard.
- ☒ A Supplemental Information Disclosure Statement (2 pgs.), Form 1449 (2 pgs.), and copies of 18 cited documents.
- ☒ A check in the amount of \$180.00 to cover the fee for consideration of Information Disclosure Statement under 1.97(c).

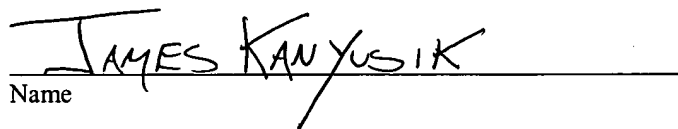
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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

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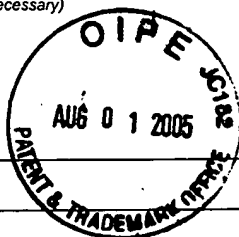
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	09/689,136
Filing Date	October 12, 2000
First Named Inventor	Engelhardt, John
Group Art Unit	1636
Examiner Name	Sullivan, Daniel

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Attorney Docket No: 875.032US1

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2003/0103939 A1	06/05/2003	Engelhardt, J. E., et al.	07/12/2002

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	WO-2004/090145A2	10/21/2004	Engelhardt, J. F., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BANK, U., "Review: Peptidases and Peptidase Inhibitors in the Pathogenesis of Diseases", <u>Cellular Peptidases in Immune Functions and Diseases 2</u> , (Edited by Jurgen Langner, et al., Kluwer Academic / Plenum Publishers), (2000), 349-378	
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		SANLIOGLU, S., et al., "Endocytosis and Nuclear Trafficking of Adeno-Associated Virus Type 2 Are Controlled by Rac1 and Phosphatidylinositol-3 Kinase Activation", <u>Journal of Virology</u> , 74(19), (2000), 9184-9196	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

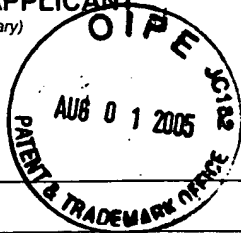
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STATEMENT BY APPLICANT**

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First Named Inventor	Engelhardt, John
Group Art Unit	1636
Examiner Name	Sullivan, Daniel

Sheet 2 of 2

Attorney Docket No: 875.032US1

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SANLIOGLU, S., et al., "Loss of ATM Function Enhances Recombinant Adeno-Associated Virus Transduction and Integration Through Pathways Similar to UV Irradiation", <u>Virology</u> , 268, (2000),68-78	
		SANLIOGLU, S., et al., "Rate Limiting Steps of AAV Transduction and Implications for Human Gene Therapy", <u>Current Gene Therapy</u> , 1, (2001),137-147	
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		STAUB, O., "Chapter 5 Regulation of ENaC by Interacting Proteins and by Ubiquitination", <u>Current Topics in Membranes</u> , 47 - Amiloride-Sensitive Sodium Channels - Physiology and Functional Diversity, Edited by Dale J. Benos, Academic Press, Publisher, (1999),65-87	
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		STOKES, J. B., "Regulation of rENaC mRNA by Dietary NaCl and Steroids: Organ, Tissue, and Steroid Heterogeneity", <u>American Journal of Physiology, Cell Physiology</u> , 274, (1998),C1699-C1707	

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Substitute Disclosure Statement Form (PTO-1449)

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